

LESSON PLAN

Unit 26. DAMAGE CONTROL

X-XXX-XXX2 Rev B

Topic 26.1 Damage Control (Organization)

CLASS PERIODS: 1

LAB PERIODS: 0

Enabling Objectives:

- 23.1 **IDENTIFY** the Basic Structure of Damage Control Organization in accordance with Damage Control 3 & 2, NAVEDTRA 10572
- 23.2 **IDENTIFY** the Function of Damage Control Central in accordance with Damage Control 3 & 2, NAVEDTRA 10572
- 23.3 **IDENTIFY** the Responsibilities of Repair Parties in accordance with Damage Control 3 & 2, NAVEDTRA 10572
- 23.4 **IDENTIFY** the Purpose of Battle Dressing Station in accordance with Damage Control 3 & 2, NAVEDTRA 10572

Trainee Preparation Materials:

A. Trainee Support Materials:

- 1. None

B. Reference Publications:

- 1. None

Instructor Preparation:

A. Review Assigned Trainee Material

B. Reference Publications:

- 1. Damage Control 3 & 2, NAVEDTRA 10572
- 2. TM, Surface Ship Firefighting, NSTM-Chapter 555, Volume 1, NSTM-S9086-S3-STM-010/CH-555 V1

C. Training Materials Required:

- 1. Transparencies
 - a. Administrative Organization, 26-1-2
 - b. Battle Organization, 26-1-3
 - c. Damage Control Organization, 26-1-1
 - d. Fire Party Organization, 26-1-4
 - e. In-Port Fire Party Assignments I, 26-1-5
 - f. In-Port Fire Party Assignments II, 26-1-6
 - g. Summary, 26-1-7

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DISCUSSION POINT

1. Introduction

RELATED INSTRUCTOR ACTIVITY

1. Establish Contact.

Write name on VAP board.

Introduce Yourself.

Damage Control is an ALL-Hands responsibility. In this topic, we will cover Damage Control Organization and its functions. We will also discuss repair parties and their responsibilities.

State Lesson Objectives.

Reference Damage Control 3 & 2, NAVEDTRA 10572.

2. Damage Control Organization

2. Show Transparency 26-1-1, Damage Control Organization.

- a. Damage Control Administrative Organization - requires the efforts of all hands in establishing and maintaining material readiness conditions. The personnel are:

- a. Show Transparency 26-1-2, Administrative Organization.

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DISCUSSION POINT

RELATED INSTRUCTOR ACTIVITY

- (1) Commanding Officer (CO) - responsible to maintain their command in a state of maximum effectiveness for war or other service
- (2) Executive Officer (XO)
 - (a) Advises the CO on the status of the ship's damage control readiness
 - (b) Conducts damage control training for the ship's company
- (3) Engineering Officer (EO)
 - (a) Responsible for the operational readiness of the damage control organization
 - (b) Ensures the hull, machinery, and electrical systems are in battle readiness

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DISCUSSION POINT

RELATED INSTRUCTOR ACTIVITY

(4) Damage Control Assistant (DCA)

(a) Responsible for the ship's survivability systems to include:

1) Control of damage

2) Control of:

a) Stability

b) List

c) Trim

d) Fighting fires

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DISCUSSION POINT

RELATED INSTRUCTOR ACTIVITY

- e) Restoration of damage
- f) CBR measures
- (b) Coordinates the efforts of the repair parties in the control of damage
- (c) Oversees all damage control associated training
- (5) Damage Control Watch Officer (DCWO)
 - (a) Supervises the maintenance of any material condition of readiness in effect on the ship
 - (b) Reports directly to the OOD on all matters affecting the watertight integrity, stability, or other conditions that affect the safety of the ship

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DISCUSSION POINT

RELATED INSTRUCTOR ACTIVITY

- (c) Works in DC Central

- (6) Departmental Damage Control Chief Petty Officer (DDCPO) - conducts checks and inspections of department spaces and DC equipment

- (7) Division Officer (DO) - performs daily inspections of divisional spaces and DC equipment to verify they are maintained correctly

- (8) Divisional Damage Control Petty Officer (DCPO)
 - (a) Responsible for damage control functions of the division

 - (b) Assist in the instruction of division personnel in:
 - 1) Damage Control

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DISCUSSION POINT

RELATED INSTRUCTOR ACTIVITY

2) Firefighting

3) CBR defense procedures

3. Damage Control Battle Organization

3. Reference TM, Surface Ship Firefighting, NSTM-Chapter 555, Volume 1, NSTM-S9086-S3-STM-010/CH-555 V1.

a. Starts when the ship has received actual damage

b. The components are:

b. Show Transparency 26-1-3, Battle Organization.

(1) Engineering Officer - responsible for ship's damage control

(2) Damage Control Assistant (DCA)

(a) Battle station is Damage Control Central (DCC)

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DISCUSSION POINT

RELATED INSTRUCTOR ACTIVITY

- (b) Receives and evaluates information from all repair parties
 - (c) Initiates orders to repair parties to direct the repair of damage
 - (d) Controls watertight integrity, flooding, counter-flooding, and de-watering evolutions
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- c. Gas Free Engineer - decides when all necessary and effective precautions have been taken to eliminate health risk before entry of questionable atmospheres or closed spaces
 - d. Fire Marshall
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- (1) Assistant to the Engineer Officer

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DISCUSSION POINT

RELATED INSTRUCTOR ACTIVITY

- (2) Aids the DCA in the training of personnel and the prevention and fighting of fires
- (3) Directs the efforts of the rapid response team until relieved by the Scene Leader
- e. Repair Party Leader
 - (1) Coordinates all firefighting actions in his assigned area of the ship
 - (2) Receives reports from the scene leader and investigators
 - (3) Makes reports to the DCA
- f. Scene Leader

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DISCUSSION POINT

RELATED INSTRUCTOR ACTIVITY

- (1) In charge of firefighting at the scene of a fire
- (2) Communicates with the repair party leader and receives coordinating instructions from him/her
- (3) Determines the number of hoseman necessary to man each hose

4. Repair Party and Teams

- a. Part of the Damage Control Organization
- b. A damage control repair station (is):
 - (1) A location of a ship which contains damage control equipment, including firefighting equipment
 - (2) Serves as the control location for the repair party

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RELATED INSTRUCTOR ACTIVITY

- (3) Provides personal protection equipment

- c. The composition of the repair parties must permit each party to handle the damage and casualties that occur within its assigned area.
 - (1) Repair 1 - Main deck repair party
 - (2) Repair 2 - Forward repair party
 - (3) Repair 3 - Aft repair party
 - (4) Repair 4 - Amidship repair party
 - (5) Repair 5 - Propulsion repair party
 - (6) Repair 6 - Ordnance repair party

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RELATED INSTRUCTOR ACTIVITY

- (7) Repair 7 - Galley deck and Island repair party
 - (8) Repair 8 - Electronics and Combat systems repair party
 - (9) Aviation Fuel Repair Team and Crash and Salvage Team - found on aircraft carriers and other ships that are equipped for manned helicopter operations
 - (10) Ordnance Disposal Team - consist of specially trained personnel deployed aboard ships
 - d. During conditions other than general quarters, the fire party will go to the repair station and use its equipment
 - e. Fire Party
 - (1) Station themselves to reach all parts of the ship while opening a minimum of watertight closures
- e. Show Transparency 26-1-4, Fire Party Organization.

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DISCUSSION POINT

RELATED INSTRUCTOR ACTIVITY

- (2) Repair damage to structures, closures, or fittings that maintain watertight integrity
- (3) Sound, drain, pump, counter-flood, or shift liquids in tanks, voids, or other compartments when necessary
- (4) Control and extinguish all types of fires
- (5) Give first aid to injured personnel and transport them to battle dressing stations

f. Attack Team

- (1) Assigned by the scene leader for every fire
- (2) Consists of an attack team leader and one or two hoses fully manned

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DISCUSSION POINT

RELATED INSTRUCTOR ACTIVITY

- (3) Each manned hose consists of a nozzleman and hoseman
- (4) Attack team leader
 - (a) Directs the nozzleman in employment of the hose
 - (b) Directs the hoseman
 - (c) Directs that the hose be charged or secured
 - (d) Selects the spray pattern to be used
 - (e) Directs the rotation of the attack team personnel

g. In-Port Fire Party

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RELATED INSTRUCTOR ACTIVITY

(1) Functions as a repair party while the ship is in port

(2) Normally concerned with fire and flooding incidents

(2) Show Transparency 26-1-5, In-Port Fire Party Assignments I.

Show Transparency 26-1-6, In-Port Fire Party Assignments II.

(3) The number of personnel assigned will depend upon the number available in each duty section

5. Battle Dressing Station

5. Re-show Transparency 26-1-3, Battle Organization.

a. Manned by medical department personnel

b. Used for emergency handling of battle casualties

6. Summary

6. Show Transparency 26-1-7, Summary.

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DISCUSSION POINT

RELATED INSTRUCTOR ACTIVITY

a. Damage Control Administrative Organization

b. Damage Control Battle Organization

(1) Fire Party Organization

(2) Attack Team

(3) In-Port Fire Party

(4) Battle Dressing Station

7. Assignment

a. None

8. Evaluation

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DISCUSSION POINT

- a. None

RELATED INSTRUCTOR ACTIVITY